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PRINTED: 05/09/2001

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: BLACK CHIEF

ALTERNATE NAMES:

PIMA COUNTY MILS NUMBER: 561

LOCATION: TOWNSHIP 20 S RANGE 7 E SECTION 11 QUARTER SE
LATITUDE: N 31DEG 42MIN 28SEC LONGITUDE: W 111DEG 35MIN 50SEC
TOPO MAP NAME: PRESUMIDO PEAK - 15 MIN

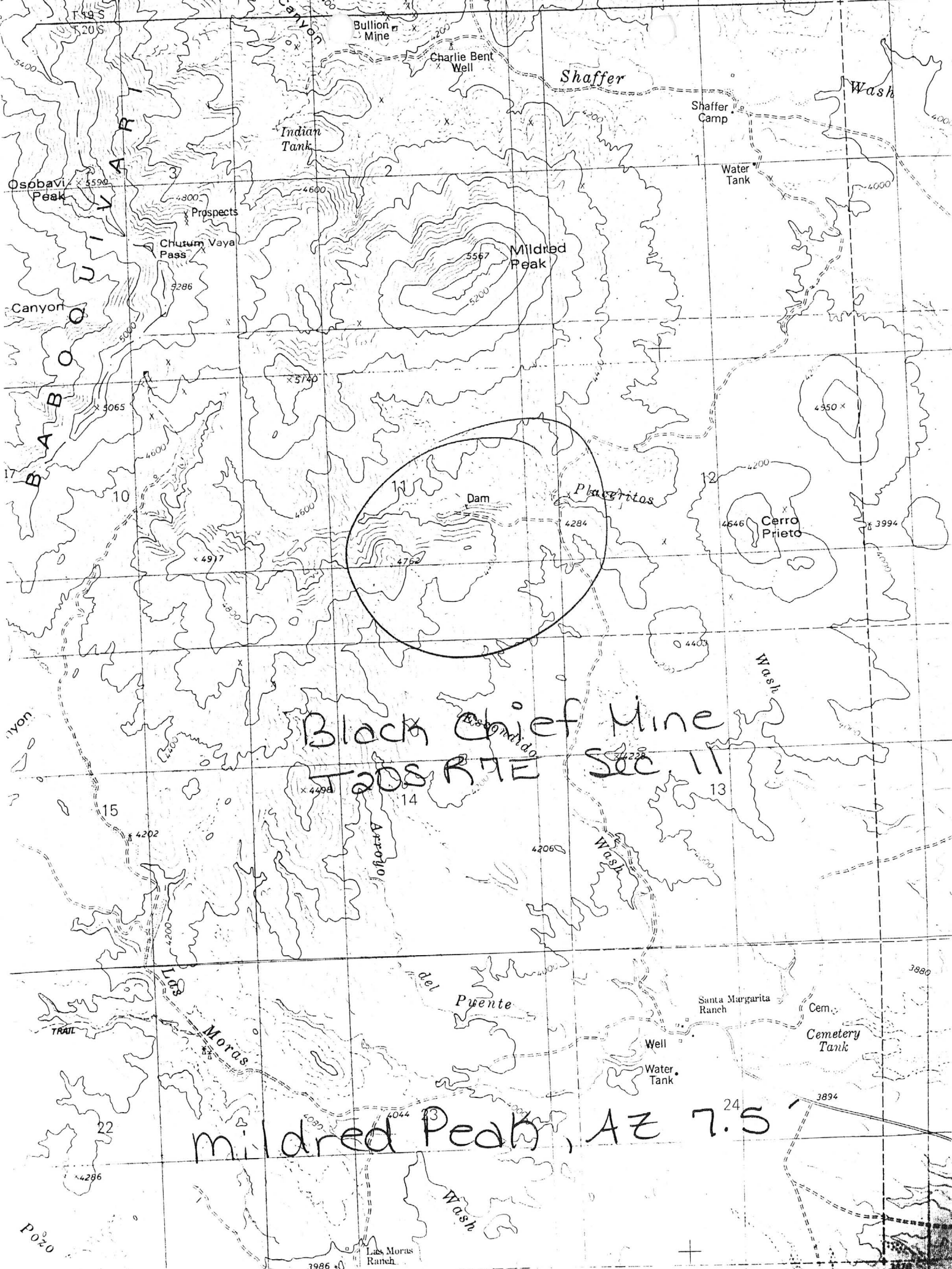
CURRENT STATUS: UNKNOWN

COMMODITY:

MANGANESE

BIBLIOGRAPHY:

USBM REPORT-FILE NO. 467, MANGANESE-SUMMARY
REPORTS, ARIZ.
ADMMR BLACK CHIEF FILE
ADDITIONAL HOLDINGS IN T20S-R7E, SEC. 2



T49 S
7206
5400
Osobavi Peak
5590
Canyon
BABOON
17
10
15

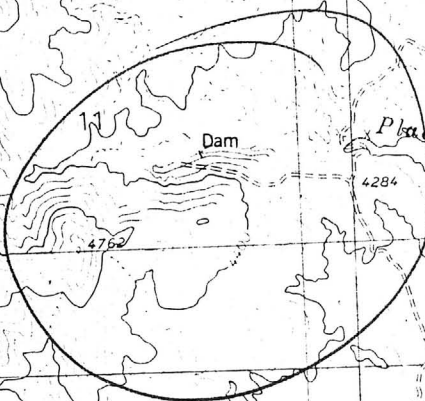
Bullion Mine
Charlie Bent Well
Indian Tank
Prospects
Chutum Vaya Pass
3286

Shaffer

Shaffer Camp
Water Tank

Wash

Mildred Peak
5567
5200



Dam

Plasgritos

Wash

Cerro Prieto
4646

Black Chief Mine
T20S R7E Sec 11

Apatoljo

13

14

del Puente

Santa Margarita Ranch

Cem. Cemetery Tank

Well
Water Tank

Mildred Peak, AZ 7.5

Pozo

Las Moras Ranch
3986

+

Geo M Evans.
Route 4 Box 645

6-4-1942 [redacted] near, Willingboro, Texas

BLACK DIAMOND 1,2,3,4

Black Chief

Mn

Pima

10 - 7

T 20 S, R 7 E

G. M. Evans, Tucson, Rt. 4, Box 645

'42

BLACK CHIEF MINE

REFERENCES

PIMA COUNTY
BABOQUIVARI DIST.
T20S, R7E, sec 11

ABM Bu1. 189 p. 108

MAP upstairs in the flat storage area in Drawer Five

MILS sheet sequence number 0040190018 (Baboquivari Dev.)

See also Black Dragon (file) Pima

MILS NBLACK CHIEF #0040190598 (apparently a typo error)

Pima County MILS Index #561

Mildred Peak, AZ 7.5' Topo (included in file)

March 23, 1942

Mr. George M. Evans
Rt. 4, Box 645
Tucson, Arizona

Dear Mr. Evans:

I am enclosing herewith a copy of mine owner's report filed with this department covering the BLACK DIAMOND NOS. 1, 2, 3 & 4 in Pima County.

I shall be glad to submit a copy of this report to anyone making inquiry for a property such as yours.

Assuring you of my desire to be helpful, and with best wishes, I am

Yours very truly,

J. S. Coupal

JSC:LP
Enc.

*
Registered Mail
Return Receipt Requested

COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Mines
Washington

Office of the Director

July 18, 1941.

VIA REGISTERED MAIL

Mr. George M. Evans,
3907 East Grant Road,
Tucson, Arizona.

Dear Sir:

As a result of the sampling of your property for manganese by the Bureau of Mines, there is enclosed herewith a print showing factual data obtained on the Baboquivari group of claims.

Your cooperation with the Bureau in granting permission for this work is greatly appreciated.

Yours faithfully,

(Signed) R. R. Sayers

R.R.Sayers
Director

Enclosure 2844722

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Black Chief Mine (formerly Black Diamond) Date June 2, 1952.

District Baboquivari Dist., Pima Co.

Engineer Axel L. Johnson

Subject: Mine Report --- Source of Information ---- George Hartford & Cody C. Calvin.

RECEIVED

JUN 12 1952

DEPARTMENT OF MINERAL RESOURCES
ARIZONA

Location 67 miles south-west of Tucson. Take Aho Road to 3 Points. Go south on Sasave Road for 34 miles to County Road Camp. Turn west and go 7 miles west to end of road. Road quite rough and needs repairs. Walk 3/4 miles west as there is no road. 7 miles of old road to repair, and 3/4 mile of new road to build.

Number of Claims 4 unpatented claims

Owners George Hartford, Pastime Trailer Camp, Apt. #4, Box 849, Tucson, Ariz.
Cody C. Calvin, Box 849, Tucson, Ariz., Agent for the Owner, Mr. Hartford.

Metals Mined Manganese.

Men Employed None.

Production Rate No production.

Milling Facilities None.

Geology Pyrolusite occurs as replacements in the rhyolite. Ore occurs in pockets, ledges and ore shoots. Owner believes there is a considerable amount that can be mined, which will run 40 %.. There is a considerable amount of much lower grade ore. There are 3 mineralized veins, and a 4th partly mineralized.

Old Workings 1 shaft--- 18 ft. deep.
1 drift--- 25 ft. long.
Several open cuts and trenches.

Proposed Plans To sell or lease.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Black Chief Mine

Date Dec. 21, 1956

District Baboquivari District, Pima County

Engineer Axel L. Johnson

Subject: Field Engineers Report. Information from Thad Watkins, Owner. Not visited.

Location Sec. 11 -- T 20 S -- R 7 E. 67 miles SW (to) Tucson. Take Aho road to Three Points. Go south on Sasabe Road for 3 1/4 miles to County Road Camp. Turn west and go 8 miles west to the property, going through the Margarita ranch, about 1/4 to 1/2 miles N. of the ranch buildings.

Number of Claims 4 unpatented claims.

Owners Thad Watkins, 403 W. Second St., Casa Grande, Ariz. et. al.

Operators Not in operation.

Options Option providing for a lease with option to buy made to the Mohave Mining and Milling Co., P. O. Box 1106, Wickenburg, Ariz. This option also calls for a diamond drilling program for exploring the property to commence shortly after the Jan. 1, 1957.

Principal Minerals Manganese ore in the form of pyrolusite.

Number of Men and Production Rate None.

Geology Pyrolusite manganese ore occurs as replacement in rhyolite. Ore horizon is reported to be 1,000 ft. wide by about 1200 ft. long. Most of the ore is apparently low grade ---- about 7 % to 15 %. However, veins of high grade ore is reported, from 10 to 20 ft. in width, and assaying ~~about 40 %~~ as much as 42 %.

Ore Values Mr. Watkins, the owner, reports that samples he has taken have assayed all the way from 7 % to 34 % in manganese, with a quite high silica content. Apparently, the deposit consists of a considerable quantity of low grade ore of about 10 %, in which there are veins of higher grade. Overburden is reported to be only from 2 to 4 ft. in thickness.

Milling & Marketing Facilities Thad Watking, owner, reports that a mill is being considered at Bradley Wash and Sasabe Road, if the preliminary exploration work by Mohave Mining & Milling Co. shows up a sufficient amount of milling grade ore.

* Proposed Mining Operations The deposit is considered suitable for open pit mining methods on account of the small amount of overburden (2 to 4 ft.).

References See previous reports on this property viz.: July 21, 1952, and June 2, 1952.

MOHAVE MINING & MILLING COMPANY, (LESSEE)
Ralph G. Godfrey, Supt., (H. F. Lynn, Pres.)
P. O. Box 1106, Wickenburg, Arizona

12/54

DEPARTMENT OF MINERAL RESOURCES
 State of Arizona
 Mine Owner's Report

Date: February 17, 1942

1. Mine: BLACK DIAMOND NOS. 1,2,3 & 4
2. Location: 1½ miles NE of Santa Marguerita Ranch.
3. Mining District & County: Baboquivari Mining District, Pima County, Arizona.
4. Former Name:
5. Owners: Geo. M. Evans, et al
6. Address (Owners): Rt. 4 Box 645, Tucson, Arizona.
7. Operator:
8. Address (Operator):
9. President, Owning Co:
- 9A. President, Operating Co:
10. Gen. Mgr:
14. Principal Minerals: Manganese.
11. Mine Supt:
15. Production Rate:
12. Mill Supt:
16. Mill - Type & Cap:
13. Men Employed:
17. Power - Amt. & Type:
18. Operations - Present: None.
19. Operations - Planned: Project 126 - Government.
20. Number Claims, Title, etc: 4 claims, unpatented.
21. Description - Topography & Geography: 5,000 feet elevation.
 Mesquite, etc.
22. Mine Workings - Amt. & Condition: Shaft 35 feet deep
 Tunnel 12 feet long
 Assessment work done on each claim.

(over)

23. Geology & Mineralization:
24. Ore - Positive & Probable, Ore Dumps, Tailings: 30 tons on dump.
- 24A. Dimensions and Value of Ore body: Runs from 5% to 45%.
25. Min., Mill Equipment & Flow-Sheet: None.
26. Road Conditions, Route: Good dirt road, except about $\frac{1}{4}$ mile to be built. From Tucson on Ajo Road, turn at Junction on road to Sasabe, about 35 miles turn to right at Santa Marguerita Ranch. Inquire at Ranch.
27. Water Supply: Water runs in canyon year around, and dam has been put in at Ronstadt Ranch about $1\frac{1}{2}$ miles east.
28. Brief History: Worked in 1918 - ore shipped about 400 cars.
29. Special Problems, Reports filed: Government is figuring on doing some diamond drilling.
30. Remarks:
31. If property for sale - Price, terms and address to negotiate: For sale or least. Reasonable terms.
32. Signature: (Signed) GEO. M. EVANS,
Rt. 4 Box 645, Tucson, Arizona

DEPARTMENT OF MINERAL RESOURCES
 State of Arizona
 Mine Owner's Report

Date: February 17, 1942

1. Mine: BLACK DIAMOND NOS. 1,2,3 & 4
2. Location: 1½ miles NE of Santa Marguerita Ranch.
3. Mining District & County: Baboquivari Mining District, Pima County, Arizona.
4. Former Name:
5. Owners: Geo. M. Evans, et al
6. Address (Owners): Rt. 4 Box 645, Tucson, Arizona.
7. Operator:
8. Address (Operator):
9. President, Owning Co:
- 9A. President, Operating Co:
10. Gen. Mgr:
14. Principal Minerals: Manganese.
11. Mine Supt:
15. Production Rate:
12. Mill Supt:
16. Mill - Type & Cap:
13. Men Employed:
17. Power - Amt. & Type:
18. Operations - Present: None.
19. Operations - Planned: Project 126 - Government.
20. Number Claims, Title, etc: 4 claims, unpatented.
21. Description - Topography & Geography: 5,000 feet elevation.
Mesquite, etc.
22. Mine Workings - Amt. & Condition: Shaft 35 feet deep
Tunnel 12 feet long
Assessment work done on each claim.

(over)

23. Geology & Mineralization:

24. Ore - Positive & Probable, Ore Dumps, Tailings: 30 tons on dump.

24A. Dimensions and Value of Ore body: Runs from 5% to 45%.

25. Mine, Mill Equipment & Flow-Sheet: None.

26. Road Conditions, Route: Good dirt road, except about $\frac{1}{4}$ mile to be built. From Tucson on Ajo Road, turn at Junction on road to Sasabe, about 35 miles turn to right at Santa Marguerita Ranch. Inquire at Ranch.

27. Water Supply: Water runs in canyon year around, and dam has been put in at Ronstadt Ranch about $1\frac{1}{2}$ miles east.

28. Brief History: Worked in 1918 - ore shipped about 400 cars.

29. Special Problems, Reports filed: Government is figuring on doing some diamond drilling.

30. Remarks:

31. If property for sale - Price, terms and address to negotiate: For sale or least. Reasonable terms.

32. Signature: (Signed) GEO. M. EVANS,
Rt. 4 Box 645, Tucson, Arizona

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
MINE OWNER'S REPORT

U.S. Geological Survey

MPB-80

Date 2-17-42

- 1. Mine Black Diamond ~~mine~~
- 2. Location 1 1/2 miles NE of Santa Marguerita Ranch -
- 3. Mining District & County Bataviating Dist, Pima County
- 4. Former name
- 5. Owner Jes. M. Evans, et al
- 6. Address (Owner) RT 4 Box 645 Tucson, Ariz.
- 7. Operator
- 8. Address (Operator)
- 9. President, Owinging Co.
- 9A. President, Operating Co.
- 10. Gen. Mgr.
- 14. Principal Minerals Manganese
- 11. Mine Supt.
- 15. Production Rate
- 12. Mill Supt.
- 16. Mill: Type & Cap.
- 13. Men Employed
- 17. Power: Amt. & Type
- 18. Operations: Present none

19. Operations: Planned Project 126 - Government

20. Number Claims, Title, etc. 4 claims, unpatented

21. Description: Topography & Geography 5000 ft elevation
mesquite, etc -

* 22. Mine Workings: Amt. & Condition Shaft 35 ft deep
tunnel 12' long
assessment work done on each claim
(over)

23. Geology & Mineralization

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
MINING REPORT

24. Ore: Positive & Probable, Ore Dumps, Tailings

30 tons on dump -

24A. Dimensions and Value of Ore body

Runs - from 5% to 45%

25. Mine, Mill Equipment & Flow-Sheet

none

26. Road Conditions, Route

1/4
Road is a dirt road except about
1/4 mile to be built from Tucson to Ajo Road
turn at junction on road to Sasabe - about 35
miles turn to right at Santa Marguerite Ranch -
mine at Ranch

27. Water Supply

Water runs in canyon year around + dam
put in by Rostadt ~~Ranch~~ about 1 1/2 miles east

28. Brief History

Worked in 1918 - ore shipped
about 4000 cars.

29. Special Problems, Reports Filed

government is figuring on doing
some diamond drilling.

30. Remarks

31. If property for sale: Price, terms and address to negotiate.

For sale or lease -
Reasonable terms -

32. Signature

Geo M Evans.

33. Use additional sheets if necessary.